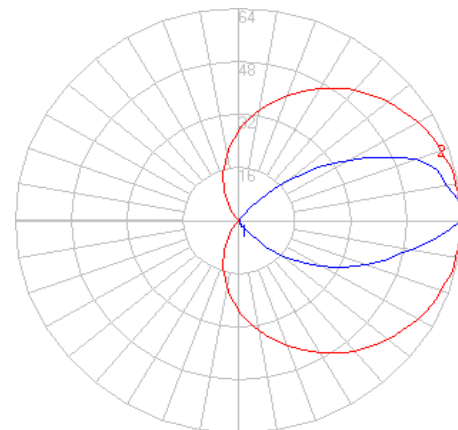


BEGA

File: 84424K4_BEGA_IES.ies

TEST: BE_84424K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 424K4
LAMP: 8.0W LED



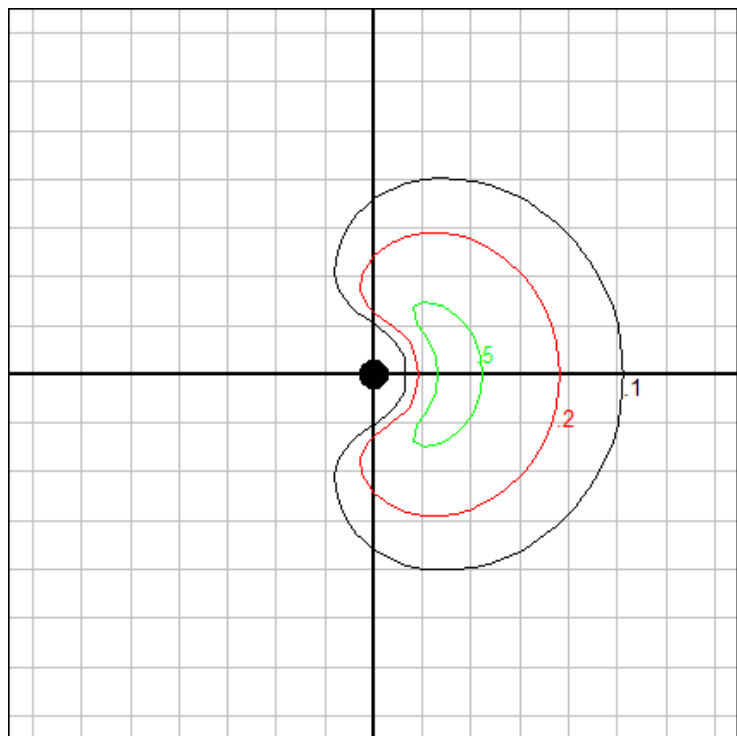
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	173
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	17
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	63.6 (360H, 92.5V)
Max. Cd. (<90 Vert.)	60.2 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	62.8 (36.3%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	60.2 (34.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

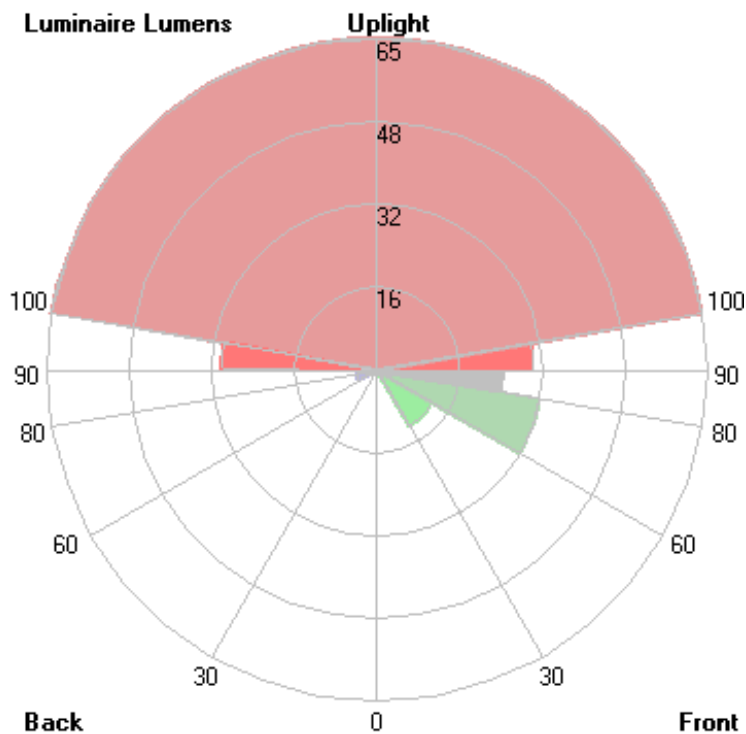
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	N.A.	0.1
FM (30-60)	12.6	N.A.	7.3
FH (60-80)	32.2	N.A.	18.6
FVH (80-90)	24.7	N.A.	14.3
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	1.4	N.A.	0.8
BH (60-80)	4.0	N.A.	2.3
BVH (80-90)	3.0	N.A.	1.8
UL (90-100)	30.4	N.A.	17.6
UH (100-180)	64.5	N.A.	37.6
Total	173.0	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

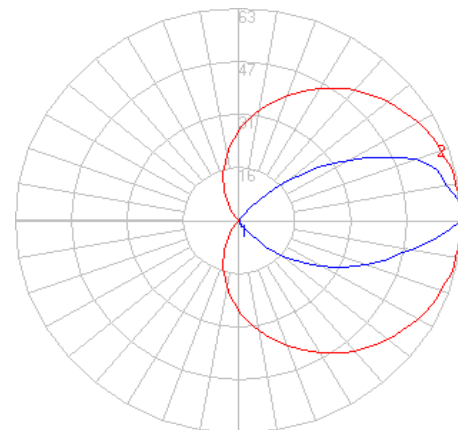
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BEGA

File: 84424K35_BEGA_IES.ies

TEST: BE_84424K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 424K35
LAMP: 8.0W LED



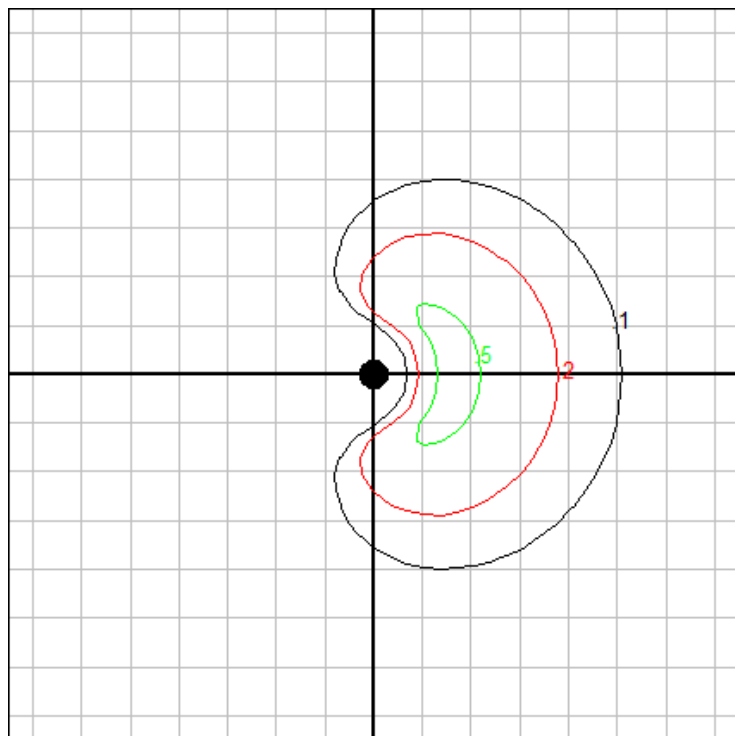
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	170
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	17
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	62.582 (360H, 92.5V)
Max. Cd. (<90 Vert.)	59.237 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	61.795 (36.4%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	59.237 (34.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

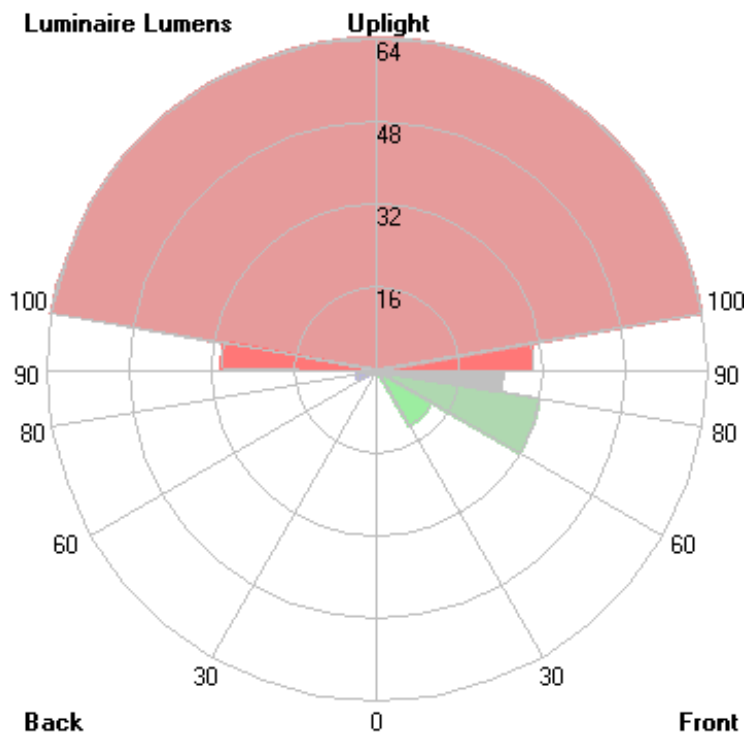
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	N.A.	0.1
FM (30-60)	12.4	N.A.	7.3
FH (60-80)	31.7	N.A.	18.6
FVH (80-90)	24.3	N.A.	14.2
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	1.4	N.A.	0.8
BH (60-80)	3.9	N.A.	2.3
BVH (80-90)	3.0	N.A.	1.8
UL (90-100)	29.9	N.A.	17.6
UH (100-180)	63.5	N.A.	37.3
Total	170.3	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

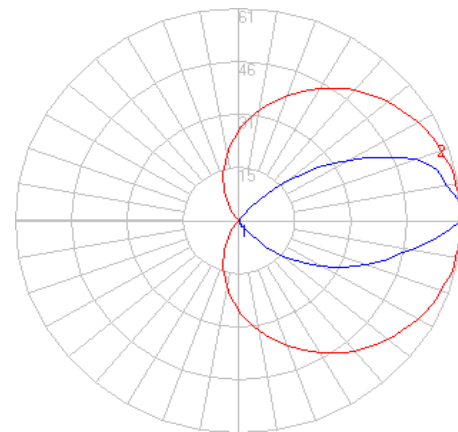
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File: 84424K3_BEGA_IES.ies

TEST: BE_84424K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 424K3
LAMP: 8.0W LED



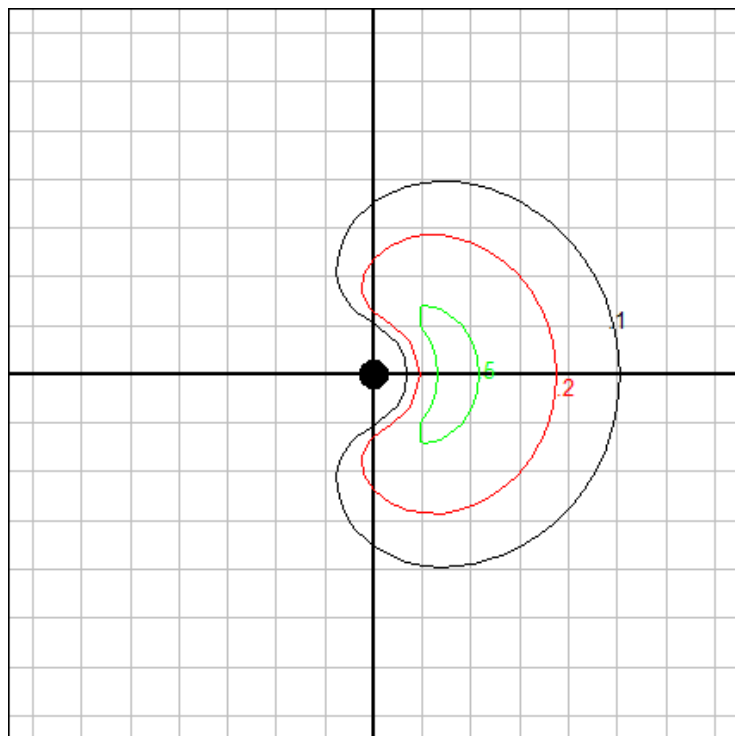
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	167
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	17
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	61.31 (360H, 92.5V)
Max. Cd. (<90 Vert.)	58.033 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	60.539 (36.3%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	58.033 (34.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

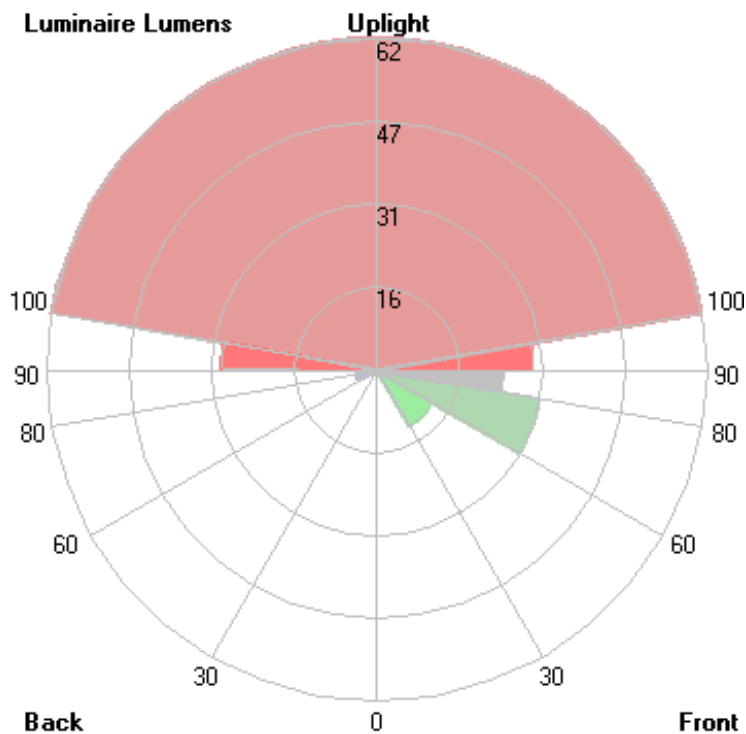
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	N.A.	0.1
FM (30-60)	12.1	N.A.	7.3
FH (60-80)	31.1	N.A.	18.6
FVH (80-90)	23.8	N.A.	14.2
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	1.3	N.A.	0.8
BH (60-80)	3.9	N.A.	2.3
BVH (80-90)	2.9	N.A.	1.8
UL (90-100)	29.3	N.A.	17.6
UH (100-180)	62.2	N.A.	37.3
Total	166.8	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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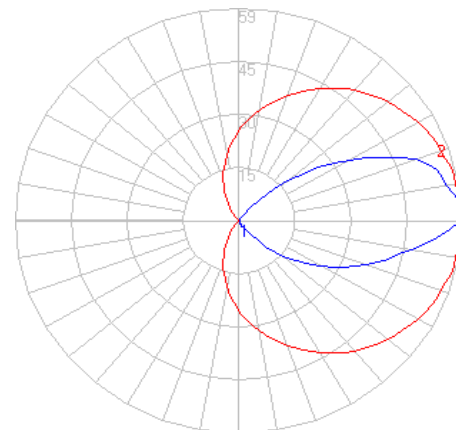
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BEGA

File: 84424K27_BEGA_IES.ies

TEST: BE_84424K4
TEST LAB: BEGA
DATE: 03/22/2023
LUMINAIRE: 84 424K27
LAMP: 8.0W LED



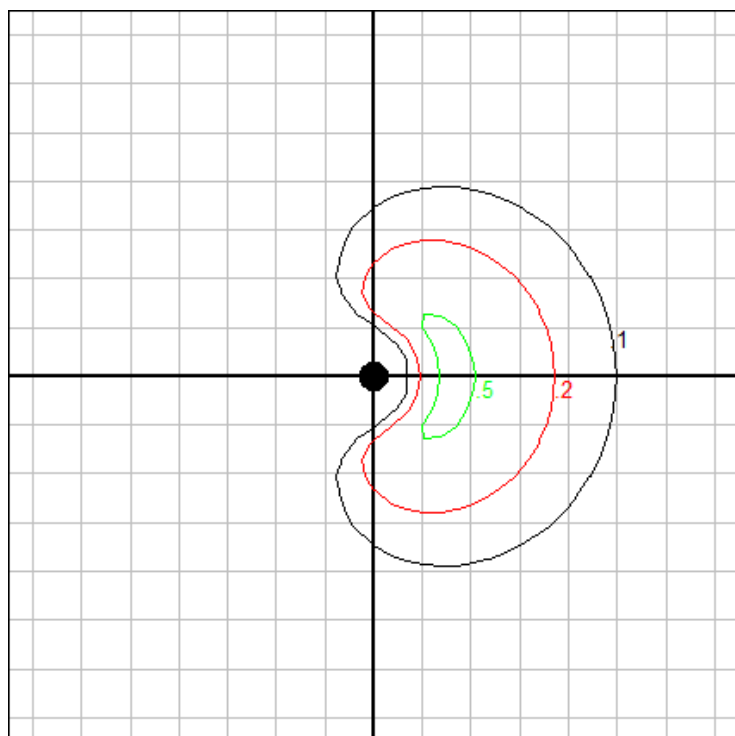
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	161
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	17
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.55
Max. Cd.	69.339 (360H, 92.5V)
Max. Cd. (<90 Vert.)	56.167 (360H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	58.592 (36.4%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	56.167 (34.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

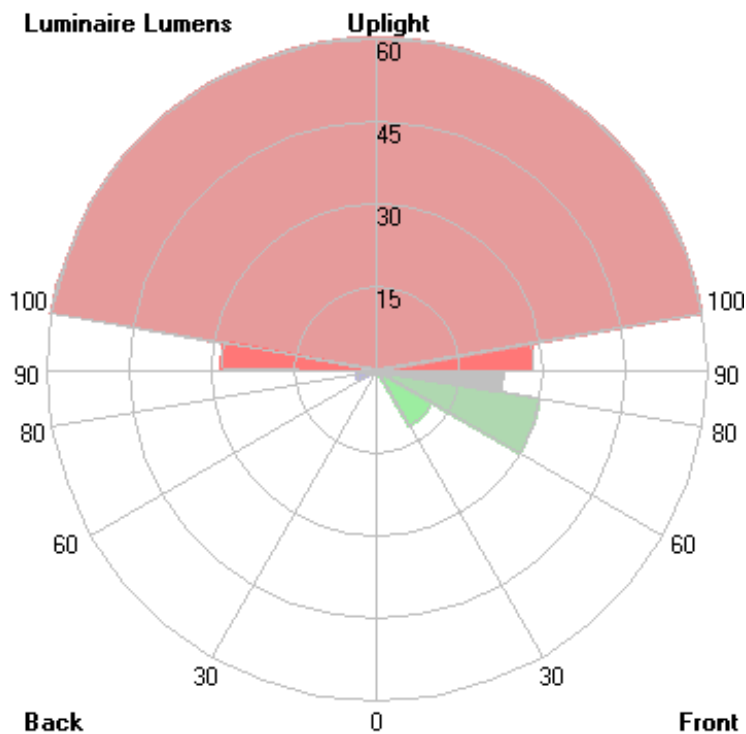
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.2	N.A.	0.1
FM (30-60)	11.8	N.A.	7.3
FH (60-80)	30.1	N.A.	18.6
FVH (80-90)	23.0	N.A.	14.2
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	1.3	N.A.	0.8
BH (60-80)	3.7	N.A.	2.3
BVH (80-90)	2.8	N.A.	1.8
UL (90-100)	28.4	N.A.	17.6
UH (100-180)	60.2	N.A.	37.3
Total	161.5	N.A.	100.0

BUG Rating B0-U3-G1



Grid Spacing: 2 ft.



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